

Mechanical Drafting Degrees, Mechanical Drafters, Drafting Schools

Mechanical drafters prepare drawings showing the detail and assembly of a wide variety of machinery and mechanical devices, indicating dimensions, fastening methods, and other requirements. Drafters fill in **Technical Details** using drawings, rough sketches, specifications, **Codes, and Calculations** previously made by engineers, architects, or scientists.

Most drafters now use CAD systems to prepare drawings. CAD systems employ **Computers to Create and Store Drawings** electronically that can then be viewed, printed, or programmed directly into automated manufacturing systems. Despite the use of sophisticated tools, Mechanical Drafters still must know the basics of the industrial environment they are working in. They must be able to understand what an engineer means by such things as designs, connectors, **Structural Components** and computed **Load Characteristics** that the engineer has roughed out by hand on a note pad.

Degrees and Certificates for Careers in Mechanical Drafting

Certificate of Achievement, Mechanical Drafting
Associates in Mechanical Drafting
Associates in Mechanical Drafting Specialization/CAD
Associates in Mechanical Drafting Technology

Median Annual Salaries for Mechanical Drafting Professionals

Entry Level Mechanical Drafter	\$35,618
Experienced Mechanical Drafter	\$51,174
Senior Mechanical Drafter	\$53,669

Source: Salary.Com